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One of the most potentially damaging problems facing sweet corn producers is controlling insects that feed on the ear. During the summer months, if you grow sweet corn, you need to watch for corn earworm.

According to UK Extension

Corn Earworm Control in Sweet Corn

entomologist Ric Bessin, earworms are moderately hairy larvae that vary in color from yellow to green to red to brownish-black, but they all have a brown head without markings and numerous microscopic spines covering their body. You may find them feeding in the ear tips following silking. The larvae are cannibalistic, rarely is there more than one per ear or whorl.

Corn earworm is potentially the greatest threat to sweet corn production in our state. Because it feeds directly on the ear, is difficult to control and is common in high numbers at the end of the season, most insecticides used on sweet corn target this pest. Once earworm becomes established within the ear,

controlling it is impossible. Earworms spend a relatively short period of their life feeding in a site that can receive an adequate insecticide application. An effective program, especially for corn planted later in the season, is necessary to ensure a minimal amount of damaged ears.

Currently, the primary insecticides used for corn earworm control in sweet corn belong to the pyrethroid class. Some brands include Ortho Max Lawn & Garden Insect Killer, Bonide Eight, and Ace Flower & Vegetable Insect Spray. There is concern that corn earworm in some regions of the Midwest has developed resistance to this class of insecticides. Some field failures have been reported. Other control options

are Captain Jack's Dead Bug Brew or Sevin. The mention of brand names is not an endorsement.

You can start a preventive program against corn earworms when 10 percent of the ears are silked. Repeat sprays at three-to-five-day intervals until 90 percent of the silks have wilted. This strategy should give a high percentage of worm-free ears during early and midseason. Control is more difficult late in the season. Even shortening spray intervals may produce only 90 percent clean ears.

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Wishing Well®

6	5	8	5	4	8	2	8	2	7	4	3	8
Y	L	O	L	O	S	U	P	W	I	H	W	
3	8	4	3	6	4	3	7	4	7	4	3	8
A	E	F	P	O	E	P	I	I	S	S	Y	L
4	8	6	8	6	4	6	7	8	6	8	5	4
N	C	U	O	A	O	R	H	M	E	E	V	T
7	3	2	5	4	5	4	3	2	3	4	5	2
G	T	E	E	B	D	O	I	C	M	R	O	I
6	7	2	6	7	8	7	8	7	4	2	5	4
N	R	A	O	A	F	N	R	T	I	L	M	N
6	4	2	3	7	5	8	7	5	8	2	6	8
W	G	E	E	E	I	I	D	N	E	V	G	N
6	2	6	5	6	3	2	8	5	8	5	2	5
L	E	A	A	D	S	N	D	T	S	E	T	S

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CryptoQuip

This is a simple substitution cipher in which each letter used stands for another. If you think that X equals O, it will equal O throughout the puzzle. Solution is accomplished by trial and error.

Clue: C equals G

H NHZOJSPJZ OGPPQSC KQI

BHIPJSJZI QSPR PKJQZ

NRZZJIORSTQSC DQSI QI SR

TRGDP BQVQSC KQI SHQVI.

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CryptoQuote

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each week the code letters are different.

EJZ PHZUEZWE JURNAZWW

EJUE MLQZ VUA PNQZ NW EJZ

CNHWE JUAX-RHZWWSHZ LC

EJZ DLIUA LAZ MLQZW.

— WEZAXJUM

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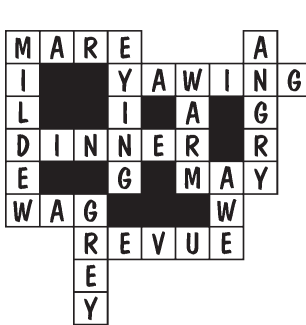
Puzzle Answers

July 12, 2017

Puzzles4Kids

- Answer
- | | | |
|--------|---|-------|
| REHASH | H | HARES |
| INGEST | I | GENTS |
| VERBAL | V | BLARE |
| STREAM | E | MARTS |
| SERIAL | A | FILES |
| FASTEN | N | FEAST |
| FIELDS | D | FILES |
| ASSERT | S | RATES |
| SERENA | E | NEARS |
| WALTER | E | TRAWL |
| BRAKES | K | SABER |

FEAR & KNIGHT

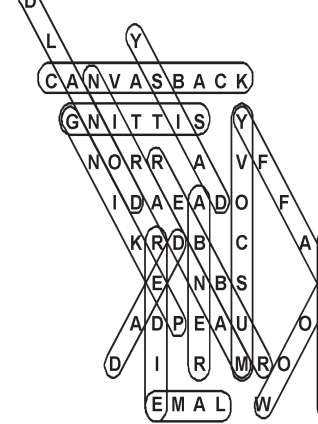


Letter Box

Solution

G	N	R	A	I	L	O	W	T
A	I	L	O	T	W	N	G	R
O	W	T	N	R	G	L	A	I
N	A	I	W	L	R	G	T	O
W	L	G	T	N	O	R	I	A
R	T	O	I	G	A	W	L	N
L	O	W	R	A	T	I	N	G
T	R	N	G	W	I	A	O	L
I	G	A	L	O	N	T	R	W

— DUCK



CryptoQuip

answer
A carpenter putting his fasteners into their corresponding bins is no doubt filing his nails.

CryptoQuote

answer
The greatest happiness that love can give is the first hand-pressure of the woman one loves.
— Stendhal

Even Exchange

- answers
- | | |
|-------------------|-------------------|
| 1. Rocket, Rucker | 6. Handy, Hardy |
| 2. Grass, Gross | 7. Learn, Yearn |
| 3. Middle, Muddle | 8. Glove, Globe |
| 4. Force, Forge | 9. Casper, Camper |
| 5. Vocal, Local | 10. Mound, Mount |

Weekly SUDOKU

Answer

5	9	8	2	3	7	4	6	1
6	4	3	8	1	9	2	5	7
1	7	2	4	6	5	3	9	8
7	1	6	5	8	4	9	3	2
2	3	9	6	7	1	5	8	4
8	5	4	3	9	2	7	1	6
9	2	5	1	4	8	6	7	3
3	8	7	9	2	6	1	4	5
4	6	1	7	5	3	8	2	9

King Crossword

Answers

Solution time: 25 mins.

S	P	Y	T	U	C	K	E	L	A	N	
T	E	A	O	G	E	E	R	E	M	O	
U	R	N	S	H	E	E	P	S	K	I	N
B	I	G	O	T	L	E	A				
			W	A	R	M	A	T	L	A	S
S	K	I	N	D	E	E	P	Z	O	N	E
P	I	N	A	N	D	E	S	K	I	T	
A	L	T	O	D	E	E	P	D	I	S	H
S	T	O	R	M	A	N	O	N			
			P	E	T	R	A	B	B	I	
D	I	S	H	W	A	T	E	R	L	E	T
A	S	E	A	C	O	M	A	E	T	C	
G	M	E	N	T	O	O	N	D	A	H	

Bible Trivia Answers

Now available by Wilson Casey! 2017 Bible Trivia box calendar loaded with daily teasers.

ANSWERS (1) New; (2) Aaron; (3) Ahab; (4) Haman; (5) Jehu; (6) Ananias

The Garden Bug



All varieties of **thyme** come from the lands surrounding the Mediterranean Sea. The Egyptians and ancient Greeks appreciated its antiseptic properties; Dioscorides mentioned its value as an expectorant and Pliny recommended it for fumigating. The ancient Romans flavored alcoholic beverages with it. The famous Hymettus honey of Greece is specially flavored through bees gathering pollen from the wild thyme flowering on Mount Hymettus near Athens.

- Brenda Weaver

Sources: www.history.com, theepicentre.com

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Stickeler's Puzzle

STICKELERS

by Terry Stickels

Lily recently conducted a poll in her hometown. She found that 75% of all the residents in her city liked peanut butter cookies. She also found that 15% of the town's residents were under the age of 18. Her brother asked her, "If you were to pick someone at random, what are the chances of that person not liking peanut butter cookies and being older than 18?"

A) 32% C) 52.5%
B) 21.25% D) 8.75%

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Stickeler's Answer on Page 11

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